

Input Set: I143828.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

1 <110> APPLICANT: Pharmacia & Upjohn
2 <120> TITLE OF INVENTION: Novel Vitamin D Receptor Related Polypeptides, Nucleic
3 Acid Sequence Encoding the Same and Uses Thereof
4 <130> FILE REFERENCE: 10806-65
5 <140> CURRENT APPLICATION NUMBER: US/09/143,828
6 <141> CURRENT FILING DATE: 1998-08-31
7 <160> NUMBER OF SEQ ID NOS: 4
8 <170> SOFTWARE: PatentIn Ver. 2.0
9 <210> SEQ ID NO 1
10 <211> LENGTH: 2905
11 <212> TYPE: DNA
12 <213> ORGANISM: Artificial Sequence
13 <220> FEATURE:
14 <223> OTHER INFORMATION: Description of Artificial Sequence: [cDNA of
15 encoding sequence of vitamin D receptor related
16 gamma (VDRRg)]
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20 gagaataagc taataactcct gtcttgaaca aggcagcggc tccttggtta agctactcct 180
21 tgatcgatcc ttgtcacccg attgttcaaa gtggacccca ggggagaagt cggagcaaag 240
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27 cggaagaccc ggcgacagtg ccaggcctgc cgctgcgca agtgccctgga gaggcgcatg 600
28 aagaaggaga tgatcatgtc cgacgaggcc gtggaggaga ggccggccct gatcaagcgg 660
29 aagaaaagtg aacggacagg gactcagcca ctgggagtg aggggctgac agaggagcag 720
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RAW SEQUENCE LISTING PATENT APPLICATION US/09/143,828

DATE: 11/09/1999
TIME: 11:24:28

Input Set: I143828.RAW

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68 <211> LENGTH: 434

69 <212> TYPE: PRT

70 <213> ORGANISM: Artificial Sequence

71 <220> FEATURE:

72 <223> OTHER INFORMATION: Description of Artificial Sequence: [Deduced amino
73 acid sequence of vitamin D receptor related gamma
74 (VDRRg)]

75 <400> SEQUENCE: 2

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79              20              25              30
80 Glu Glu Val Gly Gly Pro Gln Ile Cys Arg Val Cys Gly Asp Lys Ala
81              35              40              45
82 Thr Gly Tyr His Phe Asn Val Met Thr Cys Glu Gly Cys Lys Gly Phe
83              50              55              60
84 Phe Arg Arg Ala Met Lys Arg Asn Ala Arg Leu Arg Cys Pro Phe Arg
85              65              70              75              80
86 Lys Gly Ala Cys Glu Ile Thr Arg Lys Thr Arg Arg Gln Cys Gln Ala
87              85              90              95
88 Cys Arg Leu Arg Lys Cys Leu Glu Ser Gly Met Lys Lys Glu Met Ile
89              100              105              110
90 Met Ser Asp Glu Ala Val Glu Glu Arg Arg Ala Leu Ile Lys Arg Lys
91              115              120              125
92 Lys Ser Glu Arg Thr Gly Thr Gln Pro Leu Gly Val Gln Gly Leu Thr
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94 Glu Glu Gln Arg Met Met Ile Arg Glu Leu Met Asp Ala Gln Met Lys

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RAW SEQUENCE LISTING PATENT APPLICATION US/09/143,828

DATE: 11/09/1999
TIME: 11:24:28

Input Set: I143828.RAW

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98	Val Leu Ser Ser Gly Cys Glu Leu Pro Glu Ser Leu Gln Ala Pro Ser			
99		180	185	190
100	Arg Glu Glu Ala Ala Lys Trp Ser Gln Val Arg Lys Asp Leu Cys Ser			
101		195	200	205
102	Leu Lys Val Ser Leu Gln Leu Arg Gly Glu Asp Gly Ser Val Trp Asn			
103		210	215	220
104	Tyr Lys Pro Pro Ala Asp Ser Gly Gly Lys Glu Ile Phe Ser Leu Leu			
105	225	230	235	240
106	Pro His Met Ala Asp Met Ser Thr Tyr Met Phe Lys Gly Ile Ile Ser			
107		245	250	255
108	Phe Ala Lys Val Ile Ser Tyr Phe Arg Asp Leu Pro Ile Glu Asp Gln			
109		260	265	270
110	Ile Ser Leu Leu Lys Gly Ala Ala Phe Glu Leu Cys Gln Leu Arg Phe			
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112	Asn Thr Val Phe Asn Ala Glu Thr Gly Thr Trp Glu Cys Gly Arg Leu			
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114	Ser Tyr Cys Leu Glu Asp Thr Ala Gly Gly Phe Gln Gln Leu Leu Leu			
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116	Glu Pro Met Leu Lys Phe His Tyr Met Leu Lys Lys Leu Gln Leu His			
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118	Glu Glu Glu Tyr Val Leu Met Gln Ala Ile Ser Leu Phe Ser Pro Asp			
119		340	345	350
120	Arg Pro Gly Val Leu Gln His Arg Val Val Asp Gln Leu Gln Glu Gln			
121		355	360	365
122	Phe Ala Ile Thr Leu Lys Ser Tyr Ile Glu Cys Asn Arg Pro Gln Pro			
123		370	375	380
124	Ala His Arg Phe Leu Phe Leu Lys Ile Met Ala Met Leu Thr Glu Leu			
125	385	390	395	400
126	Arg Ser Ile Asn Ala Gln His Thr Gln Arg Leu Leu Arg Ile Gln Asp			
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131 <210> SEQ ID NO 3

132 <211> LENGTH: 2802

133 <212> TYPE: DNA

134 <213> ORGANISM: Artificial Sequence

135 <220> FEATURE:

136 <223> OTHER INFORMATION: Description of Artificial Sequence: [cDNA of
137 encoding sequence of vitamin D receptor related
138 gamma-2 (VDRRg-2)]

139 <400> SEQUENCE: 3

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143	aggtgagacc caaagaaagc tggaaccatg ctgactttgt aactgtgag gacacagagt	240
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Input Set: I143828.RAW

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187 <210> SEQ ID NO 4

188 <211> LENGTH: 473

189 <212> TYPE: PRT

190 <213> ORGANISM: Artificial Sequence

191 <220> FEATURE:

192 <223> OTHER INFORMATION: Description of Artificial Sequence: [Deduced amino
193 acid sequence of vitamin D receptor related
194 gamma-2 (VDRRg-2)]

RAW SEQUENCE LISTING PATENT APPLICATION US/09/143,828

DATE: 11/09/1999
TIME: 11:24:28

Input Set: I143828.RAW

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201 35 40 45
202 Asn His Ala Asp Phe Val His Cys Glu Asp Thr Glu Ser Val Pro Gly
203 50 55 60
204 Lys Pro Ser Val Asn Ala Asp Glu Glu Val Gly Gly Pro Gln Ile Cys
205 65 70 75 80
206 Arg Val Cys Gly Asp Lys Ala Thr Gly Tyr His Phe Asn Val Met Thr
207 85 90 95
208 Cys Glu Gly Cys Lys Gly Phe Phe Arg Arg Ala Met Lys Arg Asn Ala
209 100 105 110
210 Arg Leu Arg Cys Pro Phe Arg Lys Gly Ala Cys Glu Ile Thr Arg Lys
211 115 120 125
212 Thr Arg Arg Gln Cys Gln Ala Cys Arg Leu Arg Lys Cys Leu Glu Ser
213 130 135 140
214 Gly Met Lys Lys Glu Met Ile Met Ser Asp Glu Ala Val Glu Glu Arg
215 145 150 155 160
216 Arg Ala Leu Ile Lys Arg Lys Lys Ser Glu Arg Thr Gly Thr Gln Pro
217 165 170 175
218 Leu Gly Val Gln Gly Leu Thr Glu Glu Gln Arg Met Met Ile Arg Glu
219 180 185 190
220 Leu Met Asp Ala Gln Met Lys Thr Phe Asp Thr Thr Phe Ser His Phe
221 195 200 205
222 Lys Asn Phe Arg Leu Pro Gly Val Leu Ser Ser Gly Cys Glu Leu Pro
223 210 215 220
224 Glu Ser Leu Gln Ala Pro Ser Arg Glu Glu Ala Ala Lys Trp Ser Gln
225 225 230 235 240
226 Val Arg Lys Asp Leu Cys Ser Leu Lys Val Ser Leu Gln Leu Arg Gly
227 245 250 255
228 Glu Asp Gly Ser Val Trp Asn Tyr Lys Pro Pro Ala Asp Ser Gly Gly
229 260 265 270
230 Lys Glu Ile Phe Ser Leu Leu Pro His Met Ala Asp Met Ser Thr Tyr
231 275 280 285
232 Met Phe Lys Gly Ile Ile Ser Phe Ala Lys Val Ile Ser Tyr Phe Arg
233 290 295 300
234 Asp Leu Pro Ile Glu Asp Gln Ile Ser Leu Leu Lys Gly Ala Ala Phe
235 305 310 315 320
236 Glu Leu Cys Gln Leu Arg Phe Asn Thr Val Phe Asn Ala Glu Thr Gly
237 325 330 335
238 Thr Trp Glu Cys Gly Arg Leu Ser Tyr Cys Leu Glu Asp Thr Ala Gly
239 340 345 350
240 Gly Phe Gln Gln Leu Leu Leu Glu Pro Met Leu Lys Phe His Tyr Met
241 355 360 365
242 Leu Lys Lys Leu Gln Leu His Glu Glu Glu Tyr Val Leu Met Gln Ala
243 370 375 380
244 Ile Ser Leu Phe Ser Pro Asp Arg Pro Gly Val Leu Gln His Arg Val

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PAGE: 6

VERIFICATION SUMMARY
PATENT APPLICATION US/09/143,828

DATE: 11/09/1999
TIME: 11:24:28

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Line ? Error/Warning

Original Text

Input Set: I143828.RAW

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1 <210> 1
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3 <212> DNA
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6 <223> Description of Artificial Sequence: [cDNA of
7 encoding sequence of vitamin D receptor related
8 gamma (VDRRg)]
9 <400> 1

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48 ctcagatata gatcctgagc tcacagagtt tatagttaaa aaaacaaaca gaaacacaaa 2340
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Input Set: I143828.RAW

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58 aaaaaaaaaa aaaaaaaaaa aaaaaa 2905
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59 <210> 3

60 <211> 2802

61 <212> DNA

62 <213> Artificial Sequence

63 <220>

64 <223> Description of Artificial Sequence: [cDNA of
65 encoding sequence of vitamin D receptor related
66 gamma-2 (VDRRg-2)]

67 <400> 3

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